

# Alex Bisailion

Software Developer

✉ a.bisaillion@gmail.com

☎ (613) 355-0881

📍 Ottawa, ON

🔗 github.com/alexbisaillion

🌐 linkedin.com/in/alexbisaillion

🔗 alexbisaillion.me

## Education

Bachelor of Computer Science  
Software Engineering Stream  
Minor in Mathematics  
*Carleton University, Ottawa, ON*  
11.71/12.00 GPA  
Expected Graduation: Dec. 2020

## Technical Skills

### Programming Languages

JavaScript, TypeScript, C#, Java,  
Python, HTML/CSS, C, C++

### Frameworks

ReactJS, Node.js, .NET, ASP.NET,  
JavaFX, Selenium, JUnit, Swing

### Databases

MongoDB, SQL

### Tools

Git, Heroku, Cloudflare,  
OpenStack, Google Analytics

### Operating Systems

Ubuntu, Windows

### Project Management

#### Methodologies and Tools

Agile/Scrum, Jira, Confluence

## Interests

- Building and using RESTful APIs that facilitate the gathering of statistics
- Development of modern web-based interfaces
- Design of recommender systems

## Work Experience

### Web Application Developer Co-op

*Kinaxis – Ottawa, ON*

**Apr. 2020 – Present**

- Develop key features of the next generation React web client of Kinaxis' RapidResponse product
- Actively participate in agile software development practices including daily standup meetings, sprint planning and retrospectives, demonstrations, and code reviews

### Teaching Assistant

*Carleton University – Ottawa, ON*

**Jul. 2017 – Apr. 2020**

- Taught fundamental web development and object-oriented programming skills through weekly labs and office hours
- Developed highly accurate and readable solutions for class content
- Proctored and evaluated students' work in assignments and exams

### Platform Developer Co-op

*Kinaxis – Ottawa, ON*

**Sept. 2018 – Dec. 2018,  
Apr. 2019 – Aug. 2019**

- Decoupled RapidResponse from a third-party library by developing a new API to abstract library usage, leading to vast improvements in product performance and reductions in upkeep costs

### Software Developer

*InGenius Software – Ottawa, ON*

**Apr. 2018 – Aug. 2018**

- Worked within the automation team to automate testing of the InGenius Connector Enterprise product
- Contributed new functionality to the automation framework to facilitate the output of automated tests

## Projects

### Split Scrobble Finder

- ReactJS web application developed to allow Last.fm users to find discrepancies in artists, albums, or tracks in their library

### Personal Website

- Node.js RESTful Express server that proxies requests to the Spotify API to provide a detailed overview of my music listening activity
- ReactJS client-side written using HTML5 and CSS3

### Local Music Manager

- A JavaFX desktop client that manages a music library, handling archive extraction, file tagging, and file I/O in Java
- Communicates to the iTunes COM interface through Python scripting